

## White Bronze Mixer

With the white bronze mixer you can achieve great white bronze tones in the mixing ratio to alkaline copper and thus coat e.g. instruments, jewelry, lighters, watches, etc.. This mixture also replaces the nickel layer and is therefore anti-allergenic, as the use of nickel in industry is also on the decline. White bronze is the ideal substitute for nickel in items that come into contact with the skin such as eyeglasses or jewelry, as it forms an equally hard layer and can be beautifully gold plated.

White bronze looks very similar to silver, but does not tarnish!

Therefore, it is a cost-effective alternative to silver. Especially for the repair of musical instruments or antiques.

As a base coat it is very suitable for black chrome or when plating silver on zinc or tin or lead.

Mixing ratio:

1 part alkaline copper to 1 part white bronze Mixer.

Mix well and let stand for 15 minutes

### Main uses:

- Substitute for nickel, stops nickel allergy.
- Effects an important barrier layer when plating gold on copper or on brass
- Effects a protective layer when plating silver on tin or other tin-containing alloys.
- Has a similar degree of hardness to nickel and the same electrical property of silver and superior corrosion resistance.

### Preparation of the mixture:

You will need:

White bronze mixer, alkaline copper, mixer set with beaker, pipette and measuring unit.

You can mix exactly the amount you need for the coating.

You can vary the tone of the bronze depending on the mixing ratio.

Using the pipette, remove, for example, 1 ml of copper and pour this into the beaker. Then pour 1 ml of white bronze mixer into the measuring cylinder. Then fill this together into the beaker with the copper and mix this properly.

Coating of white bronze mixer

Plus cable with handle and electrode and pad as plus

Minus cable with crocodile clip attached to the workpiece and connected in the minus pole

Graphite electrode or platinum electrode and cloth pad

Voltage: from 3 volts

No hazardous material, irritant

Wear protective gloves and goggles

Use at min. room temperature

Can be used in liquid or thickened form - thickening with our gel former possible

Polish surface to gloss by hand or machine

Degrease surface with electrocleaner.

Can be coated on any conductive layer.

Apply to the surface by means of anode pad with light circular movements. No drying phase or similar necessary.

Rinse with distilled water and polish to shine with a soft cloth and our care product!

Example: Repaired parts of an instrument with white bronze mixer

